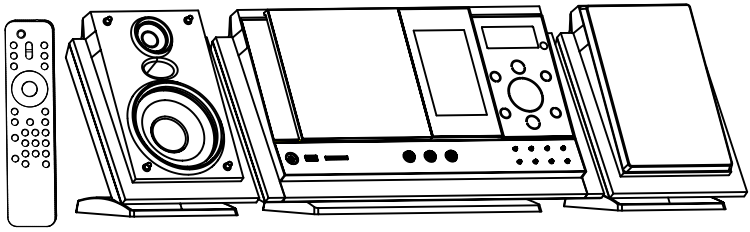
SANYO

INSTRUCTION MANUAL

DC-MX41i

Micro Hi-Fi System for iPod



Made for iPod

iPod is a trademark of Apple Inc.,
registered in the U.S. and other countries.
iPod shown not included.

"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

TABLE OF CONTENTS

SAFETY PRECAUTIONS....1
ASSEMBLY DRAWING OF UNIT AND SPEAKER....3
FEATURES AND CONTROLS....5
LCD DISPLAY WINDOW....6
REMOTE CONTROL....7
PUTTING THE BATTERIES INTO THE REMOTE CONTROL UNIT....7
MEMORY BACK-UP....7
OPERATING THE UNIT....8
STANDBY/ON....8
CLOCK SETTING....8
TIMER SETTING....8
FUNCTION SELECT....9
RADIO OPERATION....9
CD/MP3/WMA OPERATION....10
ID3 OPERATION....11
USB/SD CARD OPERATION....11
REPEAT PLAY FUNCTION....12
PROGRAM FUNCTION....12
RANDOM PLAY....13
INTRO PLAY(on the remote control)....13
iPod OPERATION....13
AUX IN PLAY....14
TO SET SLEEP FUNCTION....14
EQ CONTROL....14
MUTE SETTING....15
LISTEN TO THE MUSIC BY USING HEADPHONE....15
COMPACT DISC....15
SPECIFICATION....16
MAINTENANCE....16
TROUBLESHOOTING....17

SAFETY PRECAUTIONS

To achieve the utmost in enjoyment and performance, please read this manual carefully before attempting to operate the unit in order to become familiar with its features, and assure you years of faithful, trouble free performance and listening pleasure.

Important Notes

* Read instructions - All the safety and operating instructions should be read before the apparatus is operated
* Retain instructions - The safety and operating instructions should be retained for future reference.
* Cleaning Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
* Attachment Do not use attachment not recommended by the product manufacturer as they may cause hazards.
* Power Sources -The apparatus should be connected to a power supply only of the type described in the operating instructions of as marked on the apparatus.
* "To be completely disconnected the power input, the mains plug of apparatus shall be disconnected from the mains." as the disconnect devices is the mains plug of apparatus.
* Power-Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles and the point where they exit from the apparatus
* During Intended Use - The mains plug of apparatus should be easily accessed.
* Nonuse Periods - The power cord of the apparatus should be unplugged from the outlet when left unused for a long period of time.
* This apparatus shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
* The apparatus should be situated so that its location or position does not interfere with its proper ventilation. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
* Do not install this apparatus in a confined space, such as a book case or built-in cabinet. Minimum distance (about 100mm) around the apparatus for sufficient ventilation.
* No naked flame sources such as lighted candles should be placed on the apparatus.
* Do not use where there are extremes of temperature (below 5°C or exceeding 35°C).
* Sudden changes in the ambient temperature may cause condensation to form on the optical lens inside the unit. If this happens, take out the disc, leave the unit for about 1 hour, and then proceed to operate.
* Because of the CD player's extremely low noise and wide dynamic range, there might be a tendency to set the volume on the amplifier unnecessarily high.
* Excessive sound pressure from earphones and headphones can cause hearing loss.
* Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
* Attention should be drawn to the environmental aspects of battery disposal.
* The caution marking was located at the back enclosure of the apparatus.
* The nameplate marking was located at the back enclosure of the apparatus.
* The use of apparatus in moderate climates.

ESD Remark: In case of malfunction due to electrostatic discharge, just reset the product (reconnect of power source may be required) to resume normal operation.
Should any trouble occur, remove the power source and refer servicing to qualified personnel.

WARNING : TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel.
Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personnel.

Note:

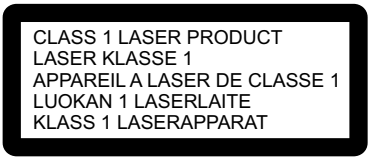
- This unit will become warm when used for a long period of time. This is normal and does not indicate a Problem with the unit.
- The CD player includes micro-processors which may malfunction as a result of external electrical Interference or noise. If the CD player is not working properly, disconnect the power source and then reconnect it.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- If an unusual conditions occurs in the display window or key button, switch the unit off, then turn on the unit again.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
DO NOT EXPOSE TO RAIN OR MOISTURE
WARNING: SHOCK HAZARD - DO NOT OPEN
AVIS:RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR

You can see this carved picture on the back of the main unit.

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

This symbol indicates that there are important operating and maintenance instructions in the information accompanying this unit.



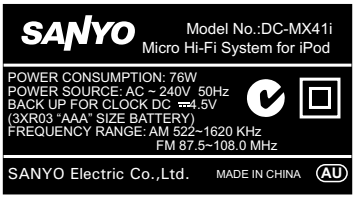
You can see the label on the back of the main unit.

CAUTION
CLASS 1 LASER PRODUCT
Operating the unit in a way other than specified herein,or making adjustments to the unit may result in hazardous radiation exposure

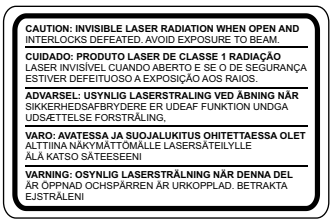
You can see this label in the CD compartment.

LASER SAFETY
This unit employs a laser. Only qualified service personnel should attempt to repair.

WARNING: RISK OF INVISIBLE LASER RADIATION WHEN CD LID IS OPEN OR INTERLOCKS FALL.AVOID DIRECT EXPOSURE TO THE BEAM.



You can see this label on the back of the main unit.

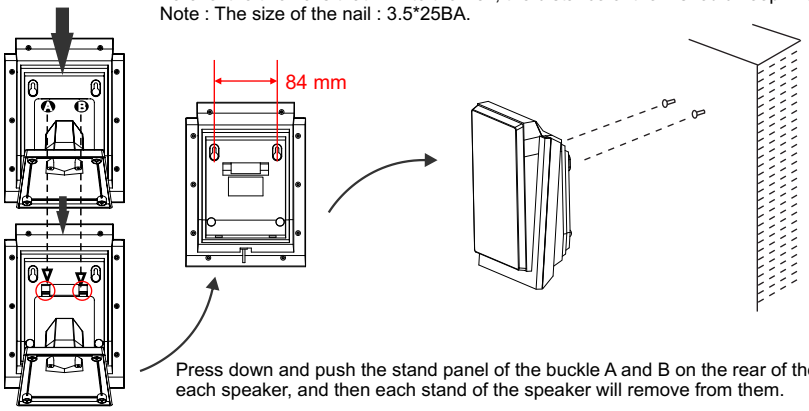

CAUTION: INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
CUIDADO: PRODUTO LASER DE CLASSE 1 RADIAÇÃO LASER INVISÍVEL CUANDO ABERTO E SE O DE SEGURANÇA ESTIVER DEFEITUOSO A EXPOSIÇÃO AOS RAIOS.
ADVARSEL: USYNLIG LASERSTRALING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDEAF FUNKTION UNDGA UDSÆTTELSE FORSTRÅLING,
VARO: AVATESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE ÄLÄ KATSO SÄTEESEENI
VARNING: OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCHSPÄRREN ÄR URKOPPLAD. BETRAKTA EJSTRÅLENI

This label sticks inside of the unit.

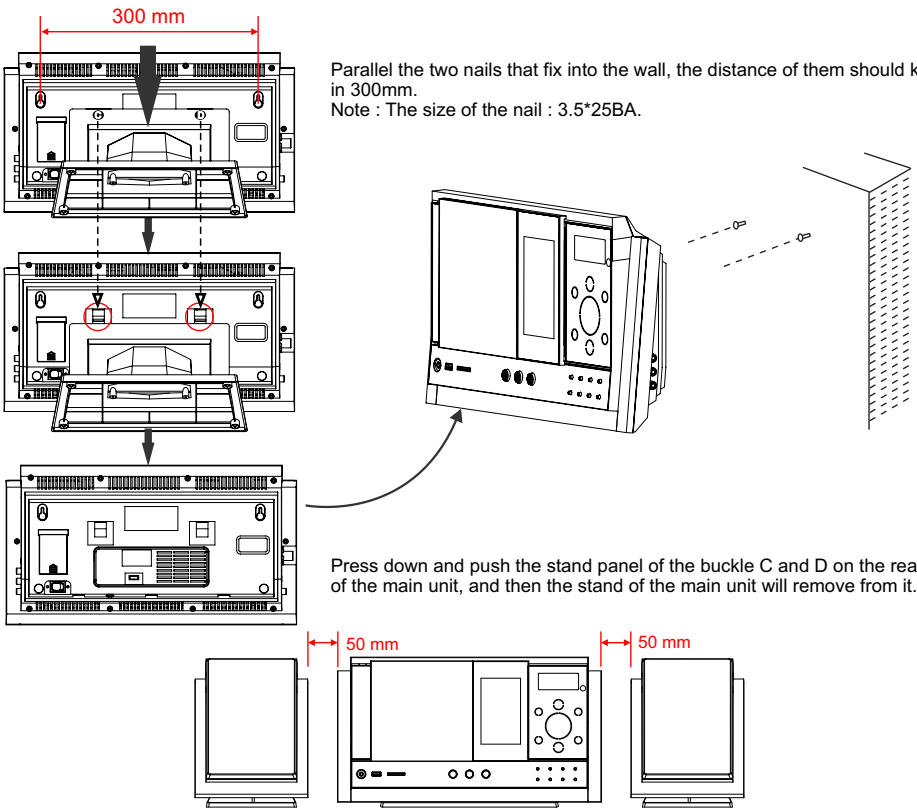
ASSEMBLY DRAWING OF UNIT AND SPEAKER

① Fixing the whole set of the unit on the wall

Parallel the two nails that fix into the wall, the distance of them should keep in 84mm.
Note : The size of the nail : 3.5*25BA.



Press down and push the stand panel of the buckle A and B on the rear of the each speaker, and then each stand of the speaker will remove from them.

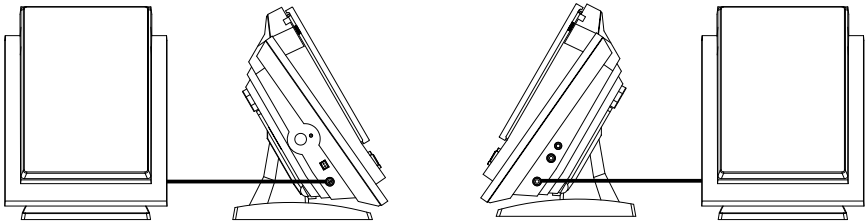


Parallel the two nails that fix into the wall, the distance of them should keep in 300mm.
Note : The size of the nail : 3.5*25BA.

Press down and push the stand panel of the buckle C and D on the rear of the main unit, and then the stand of the main unit will remove from it.

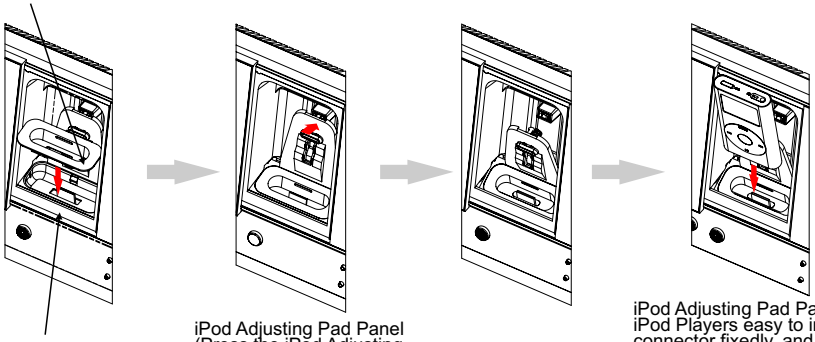
Note: When wall-mounting the set of product in line, suggest keeping at least 50mm distance from the main unit to the speakers to achieve better stereo effect and to ensure the slide CD door with prefect movement.

② Speakers connection



③ Docking bracket and iPod Adjusting pad panel

Universal Dock adapter (Using the Dock Adapters to support all type of the iPod players.)

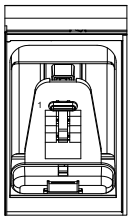


Connector dock

iPod Adjusting Pad Panel
(Press the iPod Adjusting
pad panel lightly out from the lock holder.)

iPod Adjusting Pad Panel (Let the iPod Players easy to insert into the connector fixedly, and then press and push them toward the lock holder until it snaps on.)

④ Adjust the adjusting pad knob



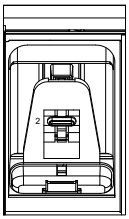
Adjust the Adjusting pad Knob at the level 1 to support these iPod Players as belows:

Made for iPod with
color display
(4th generation)40GB, 60GB only

iPod(4th generation)40GB only

iPod with video
(5th generation)30GB only

iPod classic 80GB
iPod classic 2nd generation 120GB



Adjust the Adjusting pad Knob at the level 2 to support these iPod Players as belows:

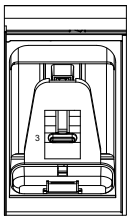
Made for iPod mini
(1st generation)4GB, 6GB only

iPod(4th generation)20GB only
U2 Special Edition

iPod with
color display
(4th generation)20GB, 30GB only
U2 Special Edition

iPod with video
(5th generation)60GB,80GB only

iPod classic 160GB



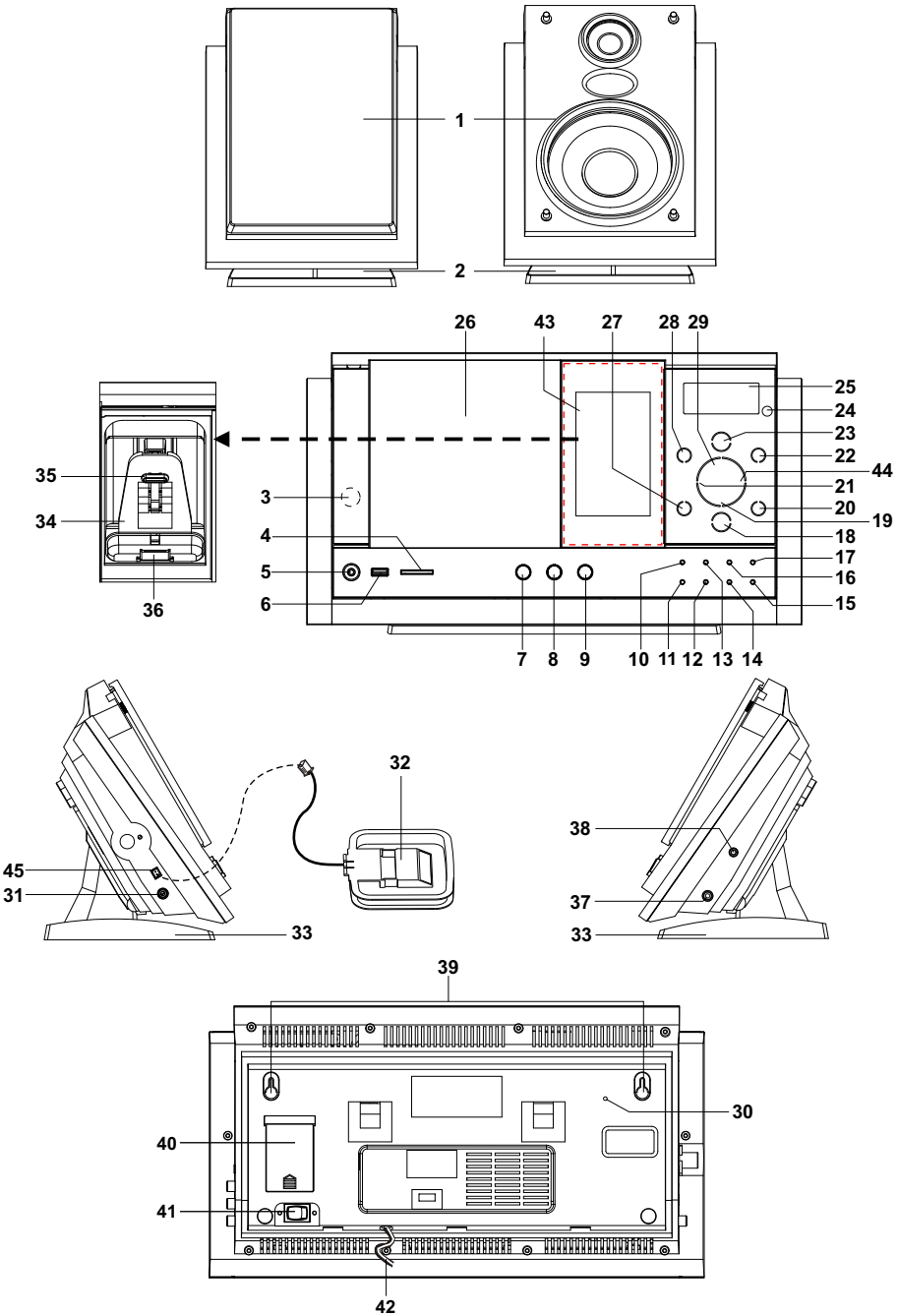
Adjust the Adjusting pad Knob at the level 3 to support these iPod Players as belows:

Made for iPod nano
(1st generation)1GB, 2GB, 4GB only

iPod touch 8GB/16GB/32GB

iPod touch 2nd generation
8GB/16GB/32GB

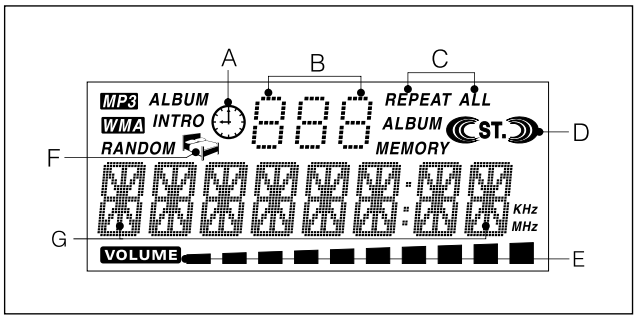
FEATURES AND CONTROLS



FEATURES AND CONTROLS

1. SPEAKER
2. SPEAKER STAND
3. STANDBY LED INDICATOR
4. SD/MMC CARD IN SLOT
5. HEADPHONES JACK
6. USB DEVICE IN PORT
7. iPod OPEN/CLOSE BUTTON
8. STANDBY/ON BUTTON
9. CD OPEN/CLOSE BUTTON
10. SLEEP BUTTON
11. ID3/MONO/ST. BUTTON
12. iPod/MEM/CLOCK-ADJ. BUTTON
13. TIMER BUTTON
14. RANDOM BUTTON
15. MUTE BUTTON
16. PRESET/FOLDER DOWN BUTTON
17. PRESET/FOLDER UP BUTTON
18. EQ TOUCH PLATE
19. STOP/MENU TOUCH PLATE
20. VOLUME DOWN TOUCH PLATE
21. SKIP/TUNE SEARCH DOWN TOUCH PLATE
22. VOLUME UP TOUCH PLATE
23. FUNCTION TOUCH PLATE
24. IR SENSOR
25. LCD DISPLAY WINDOW
26. CD DOOR
27. REPEAT TOUCH PLATE
28. BAND TOUCH PLATE
29. PLAY/PAUSE/ENTER TOUCH PLATE
30. FM ANTENNA
31. SPEAKER OUT "L"
32. AM EXTERNAL ANTENNA
33. MAIN UNIT STAND
34. DOCKING BRACKET
35. iPod ADJUSTING PAD KNOB
36. iPod CONNECTOR
37. SPEAKER OUT "R"
38. LINE IN JACK
39. HITCHING HOLE
40. MEMORY BACK-UP BATTERY DOOR
41. AC POWER SWITCH
42. AC POWER CORD
43. iPod PLAYER DOOR
44. SKIP/TUNE SEARCH UP TOUCH PLATE
45. AM EXTERNAL ANTENNA SOCKET

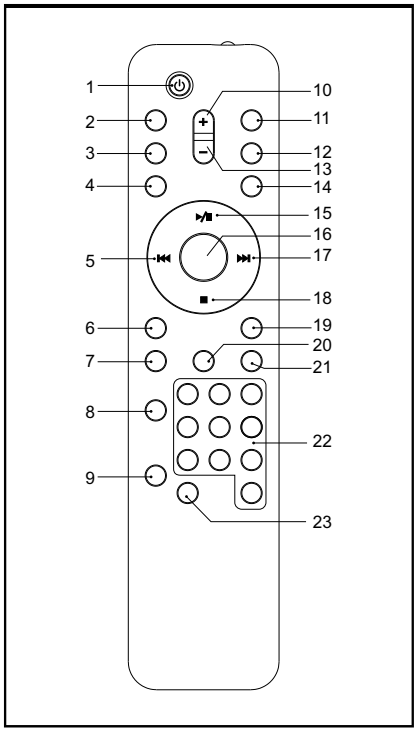
LCD DISPLAY WINDOW



A. TIMER INDICATOR
B. ALBUM/RADIO MEMORY NUMBER INDICATOR
C. REPEAT 1 & ALL INDICATOR
D. STEREO INDICATOR
E. VOLUME HIGH/LOW INDICATOR
F. SLEEP INDICATOR
G. TRACK/NUMBER/TIME INDICATOR

REMOTE CONTROL

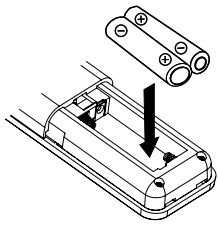
1. STANDBY/ON BUTTON
2. MUTE BUTTON
3. PRESET/FOLDER UP BUTTON
4. PRESET/FOLDER DOWN BUTTON
5. SKIP/TUNE SEARCH DOWN BUTTON
6. BAND BUTTON
7. INTRO BUTTON
8. ID3/MONO/ST. BUTTON
9. RANDOM BUTTON
10. VOLUME UP BUTTON
11. FUNCTION BUTTON
12. CD OPEN/CLOSE BUTTON
13. VOLUME DOWN BUTTON
14. iPod OPEN/CLOSE BUTTON
15. PLAY/PAUSE/ENTER BUTTON
16. EQ BUTTON
17. SKIP/TUNE SEARCH UP BUTTON
18. STOP/MENU BUTTON
19. SLEEP BUTTON
20. iPod/MEM/CLOCK-ADJ. BUTTON
21. TIMER BUTTON
22. NUMBER SEARCH BUTTON
23. REPEAT BUTTON



PUTTING THE BATTERIES INTO THE REMOTE CONTROL UNIT

Press down the compartment cover, and slide the cover off to open the compartment. Place the two (UM4), (AAA), (R03) batteries in the remote control according to the polarity markings ("+" and "-") inside the compartment and on the batteries.
Place the cover over the compartment, press down lightly, and push it upward until it snaps on.

****BATTERIES NOT INCLUDED****



BATTERY PRECAUTIONS

Follow these precautions when using a battery in this device:

1. Warning -Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
2. Use only the size and type of battery specified.
3. Be sure to follow the correct polarity when installing the battery as indicated in the battery compartment. A reversed battery may cause damage to the device.
4. If the device is not to be used for a long period of time, remove the battery to prevent damage or injury from possible battery leakage.
5. Do not try to recharge a battery not intended to be recharged; it can overheat and rupture. (Follow battery manufacturer's directions.)
6. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

MEMORY BACK-UP

To insert 1.5V x 3, UM-4, R03 AAA or equivalent batteries in the battery compartment of the unit. It is used to back-up the memory of the main CPU.

OPERATING THE UNIT

Before operating the unit for the first time, make sure the AC power cord is properly connected to a 240V 50Hz AC outlet, then press the power ON switch on the rear of the unit, the unit will be in standby mode, the backlight of standby is red. You can now press the STANDBY/ON button on the unit or press the STANDBY/ON button on remote control to switch the unit ON. The backlight of the standby will be off and multi function touch plate will light on blue. Pull the AC plug out of the wall socket if you want to switch off completely.

STANDBY/ON

1. Press the STANDBY/ON button on the unit or remote control to switch the unit on.
2. Select the sound source (CD, USB, CARD, iPod, AUX or TUNER) by touching the FUNC on the unit or press the FUNCTION button on remote control. The corresponding display will light up.
3. Adjust the volume with the VOL∧ or VOL∨ on the unit or remote control.
4. Press the STANDBY/ON button on the unit or remote control again to turn off the unit.

Note: 1. During in standby mode, press any button/key can make the display light for 10 seconds.
2. Please turn the main switch off to save energy, when you do not use the unit.

CLOCK SETTING

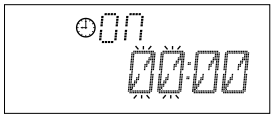
During in the STANDBY mode.
1. Press and hold the iPod/MEM/C-ADJ. button until the time displays will change to 24-hour format and flash.
2. Touch ⏮ or ⏭ on the unit or press ⏮ or ⏭ button on the remote control to select 12-hour or 24-hour.
3. Press the iPod/MEM/C-ADJ. button again, the HOUR digit will flash on the display, touch ⏮ or ⏭ to adjust HOUR.
4. Press the iPod/MEM/C-ADJ. button once more, the MINUTE digit will flash on the display, touch ⏮ or ⏭ to adjust minute.
5. Press the iPod/MEM/C-ADJ. button again to confirm the time.
6. Each enable state as shown above will be cleared if the key is not pushed in10 seconds.

TIMER SETTING

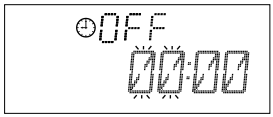
1. After adjusting the clock, press the TIMER button for a few seconds, " ⏲ON" and "00:00" appear on the display and the HOUR digit flashes.(F1)
2. Touch ⏮ or ⏭ on the unit or press ⏮ or ⏭ button on the remote control to adjust it.
3. Press the TIMER button again, the MINUTE digit will start flashing, adjust it by touching ⏮ or ⏭ on the unit or press ⏮ or ⏭ button on the remote control.
4. Press the TIMER button once more to confirm and order TIMER ON time.
5. After adjusting "TIMER ON", " ⏲ OFF" appears on the display and the HOUR digit flashes.(F2)
6. Repeat the above steps 2 to 3, and then press the TIMER button once more to confirm and order TIMER OFF time.
7. Now the "TUNER" appears on the display with flashing, and then select the alarm mode of the “TUNER, CD, USB, CARD or IPOD" by touching ⏮ or ⏭ on the unit.
8. Press the TIMER button again, the timer "VOL" indicator appears on the display and flashes, adjust the timer volume high or low by touching ⏮ or ⏭ on the unit or press the ⏮ or ⏭ button on the remote control.
9. Each enable state as shown above will be cleared if the button is not pushed in 10 seconds.
10. After adjusting "TIMER ON" and "TIMER OFF", press the TIMER button, " ⏲ “ appears on the display.
11. The main unit will be switched on automatically at "TIMER ON" order and start playing, the main unit will be switched off automatically at "TIMER OFF" order.

Note: If the display shows "ERROR" while you set the “TIMER ON”, it means both “TIMER ON” and “TIMER OFF” is the same. In this case, please go to “TIMER OFF” to set the off time first. To switch TIMER function ON or OFF, press TIMER button.

F1



F2



FUNCTION SELECT

Touch FUNC on the unit or press the FUNCTION button on the remote control to change the mode of each function. Display changes as below:

RADIO OPERATION

Touch FUNC on the unit or press the FUNCTION button on remote control to select TUNER.
1. Touch BAND on the unit or press the BAND button on remote control to select AM or FM.
2. Touch ⏮ or ⏭ on the unit or press the ⏮ or ⏭ button on the remote control to tune the desired station.

Manual Tuning
To tune for weak stations, use manual tuning by touching the ⏮ or ⏭ continuously until you read the correct frequency or the reception is at its best.

Automatic Tuning
1. Touch ⏮ or ⏭ on the unit or press the ⏮ or ⏭ button on the remote control for a second or more, then release the button. The tuner will automatically search the first station of sufficient signal strength.
2. Repeat above procedure if you wish to select another station.

Mono/stereo select
You can select the MONO/STEREO only in FM mode.
1. When you want to select FM stereo station, press the ID3/MONO/STEREO button .
   When you receive a FM stereo station the "ST." indicator will appear on the display, you can receive FM stereo transmission .
2. When you press the ID3/MONO/STEREO button again, the FM STEREO indicator will turn off and switch to MONO FM status.

Programming preset stations
You can also preset stations of your choice and store up to10 AM and 30 FM stations in its memory. To store your selected broadcasting stations:
1. Touch BAND on the unit to toggle between AM and FM to make your selection.
2. Tune to the desired station.
3. Press the iPod/MEM/C-ADJ. Button.
4. Press the PRESET/FOLDER ▲ or ▼ button for your desired station number.
5. Press the iPod/MEM/C-ADJ. button again to confirm your selection.
6. To program more stations into memory, repeat the above steps 2 to 5.
7. To change the stored preset stations, repeat the above steps 2 to 5.

Note: Storing a new station into a preset location will erase the previously stored station in that location.

Selecting the Preset Stations
1. Touch BAND on the unit or press the BAND button on the remote control to select the desired band.
2. Press the PRESET/FOLDER ▲ or ▼ button to select the desired preset station number.
3. The location number of preset station is displayed along with the corresponding requency.

FM Antenna
For better FM reception, change the position of FM antenna wire.

AM external aerial loop operation
Adjust the position of AM external aerial loop for better AM frequency signal.

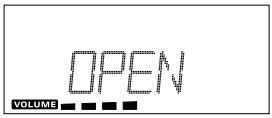
CD/MP3/WMA OPERATION

Listening To Compact Disc (CD/MP3/WMA)

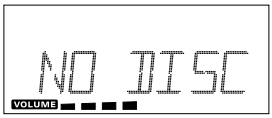
1. If you want to enjoy CD/MP3, press the STANDBY / ON button on the unit or remote control and then press the CD OPEN/CLOSE button once on the unit first, and then the CD door will open automatically.(F3)
2. Insert the CD/MP3 disc into the CD compartment, press the CD OPEN/CLOSE button again, and then the CD door will close automatically.
3. Touch FUNC on the unit or press the FUNCTION button on the remote control to select CD mode. The unit will read the CD/MP3/WMA disc automatically.

Note: (1) This unit can play CD, CD-R, CD-RW, MP3 and WMA discs.
(2) It can read " 8 cm " and " Multi Section " of MP3 DISC.
(3) The "Playback Transfer Rate" in MP3 and WMA.
a. In MP3, transfer bit rate : 8 - 256 kbps.
b. In WMA, transfer bit rate : 8 - 192 kbps.
(4) The "Max Readable 99 folders and 999 tracks".
(5) If no disc or can`t read TOC, NO DISC will be displayed.(F4)

F3



F4

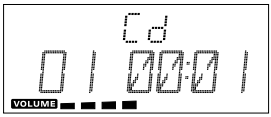


Playing The Entire CD/MP3/WMA

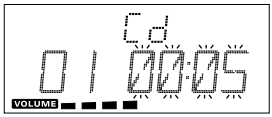
- CD

1. Insert the CD disc into the CD compartment and then touch FUNC on the unit to select CD mode, the main unit will automatically read the total number of the tracks at the same time.
2. Touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control, the unit will play the first track of the CD disc automatically.(F5)
3. Touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control once again, the time elapsed indicator will flash and pause CD playback.(F6)
4. Touch **I◀◀** or **▶▶I** once to change Track NO., touch and hold **I◀◀** or **▶▶I** on the unit to skip fast forward or backward of each song.
5. To resume playback, touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control once more again.
6. To stop playback, touch **■/MENU** on the unit or press the **■/MENU** button on the remote control once.

F5



F6



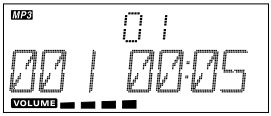
IMPORTANT IN FORMATIONS

- Copyright protection files cannot be played back.
- Copyright protection files on a disc are skipped automatically when played back.

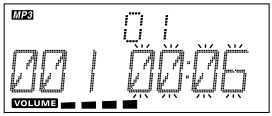
- MP3/WMA

1. Insert the MP3/WMA disc into the CD compartment and then touch FUNC on the unit to select CD mode, the main unit will automatically read the total number of the folders and tracks at the same time.
2. Touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control, the unit will play the first track of the MP3/WMA disc automatically.(F7)
3. Touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control once again, the time elapsed indicator will flash and pause MP3/WMA disc playback.(F8)
4. To change Track NO., touch **I◀◀** or **▶▶I** on the unit or press the **I◀◀** or **▶▶I** button on the remote control. Touch and hold **I◀◀** or **▶▶I** on the unit to skip fast forward or backward of each song.
5. To resume playback, touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control once more again.
6. To change the ALBUM NO., press the PRESET/FOLDER ▲ or ▼ once.
7. To stop playback, touch **■/MENU** once on the unit.

F7



F8



Note: If the main unit is not working properly, disconnect the power source and then reconnect it again.

ID3 OPERATION

During in the MP3/WMA mode

1. Press the ID3/MONO/STEREO button on the unit (or remote control) once to open the ID3 function.
2. If the MP3/WMA file is written in “ID3”, it will automatically search the information of “TITLE NAME”, “ARTIST NAME” and “ALBUM NAME” indicated on the display.

TITLE NAME→ARTIST NAME→ALBUM NAME

CURRENT TIME

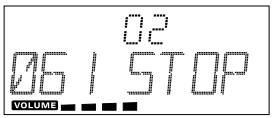
3. Press the ID3/MONO/STEREO button on the unit (or remote control) again. Then the unit will resume to play normally.

USB/SD CARD OPERATION

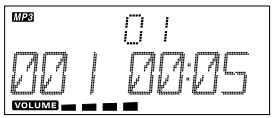
During in the STANDBY mode

1. Insert the USB DEVICE or SD/MMC CARD, and then press the STANDBY/ON button on the main unit (or remote control) to turn on the unit.
2. Touch FUNC on the main unit to select the USB or CARD mode. The main unit will automatically read the total number of the folders and tracks at the same time. (F9)
3. If the USB memory device or SD/MMC CARD has more than one folder.
   a. Press the PRESET/FOLDER ▲ or ▼ button to select each folder.
   b. Touch ⏮ or ⏭ to select a track in the desired folder.
4. Touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control, will start playback from the selected track. The display shows the current track number and its elapsed time.(F10)
5. To pause playback, touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control. The time elapsed indicator will flash.(F11)
6. To resume playback, touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on the remote control again.
7. To stop playback, touch **■/MENU**.

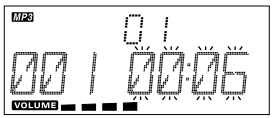
F9



F10



F11



Note: 1. In any time, the USB DEVICE or SD CARD must be fixed well under in the STANDBY mode to avoid the main unit and USB DEVICE or SD CARD were damaged.
2. This unit can support most of USB devices and SD/MMC cards. The memory capacity up-to 2GB. It can not access (or access a longer time) the memory capacity over 2GB. Otherwise, make an others to access it.
3. It can support USB version 1.1 and 2.0.
4. If the WMA file is a protected "DRM FILE" the display will show "PROTECT".

IMPORTANT INFORMATIONS

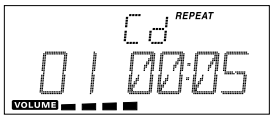
- Copyright protection files cannot be played back.
- Copyright protection files on the USB memory and SD/MMC card device are skipped automatically when played back.
- Recommended use:
  Flash memory type USB memory player
- Not recommended:
  Hard disc memory type USB player
- Some Flash memory player will not play successfully with this unit.

REPEAT PLAY FUNCTION

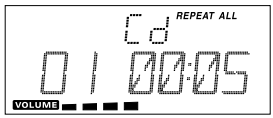
- CD

1. Touch REPE on the unit or press the REPEAT button on the remote control once, "**REPEAT**" is displayed. CD will play the current track repeatedly.(F12)
2. Touch REPE on the unit or press the REPEAT button on the remote control again, "**REPEAT ALL**" is displayed. CD will play all tracks repeatedly.(F13)
3. Touch REPE on the unit or press the REPEAT button on the remote control again, REPEAT function will be off.

F12



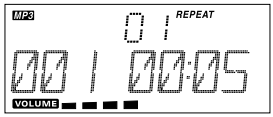
F13



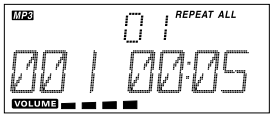
- MP3/WMA/USB/SD CARD

1. Touch REPE on the unit or press the REPEAT button on the remote control once, then"**REPEAT**" is displayed. It will play the current track repeatedly.(F14)
2. Touch REPE on the unit or press the REPEAT button on the remote control again, "**REPEAT ALL**" is displayed. It will play all tracks repeatedly.(F15)
3. Touch REPE on the unit or press the REPEAT button on the remote control again, "**REPEAT ALBUM**" is displayed. It will play all tracks in the current folder repeatedly .(F16)
4. Touch REPE on the unit or press the REPEAT button on the remote control once more again, then REPEAT function will be off.

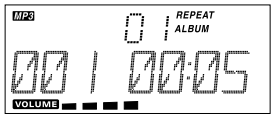
F14



F15



F16



PROGRAM FUNCTION

You can make the program up to 32 tracks in CD mode or 64 tracks in MP3/WMA/USB/SD CARD mode in any desired order. Program mode is activated while in stop mode.

1. Programme

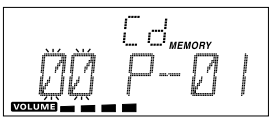
- CD

1) Press the iPod/MEM/C-ADJ. button in stop mode, shift to MEMORY mode.(F17)
2) Touch ⏮ or ⏭ on the unit or press the ⏮ or ⏭ button on remote control, the track number will be changed.
3) Press the iPod/MEM/C-ADJ. button to confirm the track number.

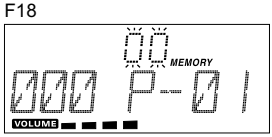
- MP3/WMA

1) Press the iPod/MEM/C-ADJ. button in stop mode, shift to MEMORY mode. The album number is flashing. (F18)
2) Press the PRESET/FOLDER ▲ or ▼ button on the unit or remote control, the album number will be changed.
3) Press the iPod/MEM/C-ADJ. button, the first track number will be displayed.(F19)
4) Touch ⏮ or ⏭ on the unit or press the ⏮ or ⏭ button on remote control , the track number will be changed.
5) Press the iPod/MEM/C-ADJ. button to confirm the favorite track number.

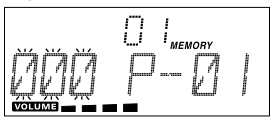
F17



F18



F19



2.PROGRAM PLAY

Touch **▶/II/ENTER** on the unit or press the **▶/II/ENTER** button on remote control. The unit will play the first track of the program. When all tracks have been played, the unit will stop automatically. If you want to listen program play again, touch **▶/II/ENTER** again.

3. CANCEL PROGRAM

1. Touch ■**/MENU** on the unit or press the ■**/MENU** button on remote control twice, or open the CD tray door and close it again then the memory will be erased.
2. Set a new program, the existing one will be cleared.

4. Checking the programme

During stop mode, the display will show the corresponding programmed song when press the iPod/MEM/C-ADJ. button.

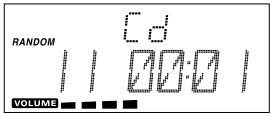
Note : During in the program mode.

1. Touch REPE on the unit or press the REPEAT button on the remote control once, the "**REPEAT**" indicator will light on the display. Then the unit will repeat the current track.
2. Touch REPE on the unit or press the REPEAT button on the remote control again, the "**REPEAT ALL**" will light on the display. Then the unit will repeat all the programmed tracks.
3. Touch REPE on the unit or press the REPEAT button on the remote control once more again. The unit will return to play the program in normally.

RANDOM PLAY

1. Press the RANDOM button on the unit (or remote control), then RANDOM is displayed.(F20)
2. Press the RANDOM button again, then the unit will resume to normally play.

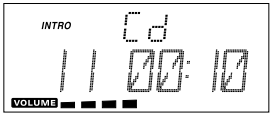
F20



INTRO PLAY(on the remote control)

1. Press the INTRO button on the remote control, INTRO is displayed. Will play the first 10 seconds of each track.(F21)
2. Press the INTRO button again, then the unit will resume to normally play.

F21



iPod OPERATION

Note: To avoid damaging the iPod, please make sure to insert or take out the iPod in standby mode.

During the unit in STANDBY mode:

1. Press the iPod OPEN/CLOSE button once on the unit first to open the iPod door.
2. Insert the iPod players in the iPod docking bracket on the front of the main unit fixedly.
3. Press the STANDBY/ ON button on the main unit, and then touch FUNC on the unit or press the FUNCTION button on remote control to select iPod mode, the iPod indicator will appear on the main unit display. (F22)
4. Touch ▶**/II/ENTER** on the unit or press the ▶**/II/ENTER** button on the remote control once to start the iPod playing. Adjust the volume level by touching VOL ^ or VOL ˇ on the unit or press the VOLUME **+** or VOLUME **-** button on the remote control .
5. Touch ▶**/II/ENTER** on the unit once to pause the current track. To resume the playback, touch ▶**/II/ENTER** on the unit again.
6. To skip forwards or backwards, touch ⏮ or ⏭ to select the desired track.
7. Touch REPE or press the RANDOM button to make the iPod playing repeatedly or randomly.
   Note: iPod touch version 1.1.4 or above can support REPEAT or RANDOM function.
8. To stop playback, touch ■**/MENU** on the unit.

During the unit in iPod MENU mode:

1. During the unit in iPod mode, press the iPod/MEM/C-ADJ. button once, the unit will enter to the iPod MENU mode. The display of main unit will show "IPODMENU". (F23)
2. Touch ■**/MENU** repeatedly to go to the main menu in your iPod.
3. Touch ⏮ or ⏭ to search the menu on the iPod.

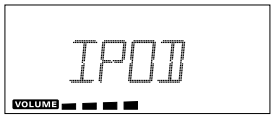
4. Touch **▶/II/ENTER** to enter the selected menu.
5. Touch **I◀◀** or **▶▶I** to search the current content in the each desired menu.
6. To return to the previous menu, touch **■/MENU**.
7. To resume playback, press the iPod/MEM/C-ADJ. button once again, the unit will return to iPod mode.

Charging the iPod Player battery through the main unit:
1. If the iPod player is connected to the unit. The iPod will be charged automatically.
2. You can charge the iPod Player in STANDBY MODE or POWER ON mode.

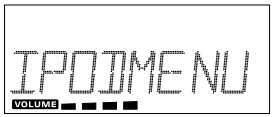
Note : 1. The iPod Player battery is 80-percent charged in about one hour, and fully charged in about a few hours. If you charge it while playing music, it may take longer.
2. It is not better to charge under the TUNER mode. It may interfere the reception.

Note:
1. In any time, you can control the iPod player on the main unit, remote control or iPod player itself while the unit in the "iPod" or "iPod MENU" mode.
2. In any time, the iPod player must be fixed well under in the STANDBY mode to avoid the unit and iPod player were damaged.
3. During the unit in iPod mode, if the video function of the iPod cannot work properly. Update the latest version of the iPod video function from the apple web-site.

F22



F23



AUX IN PLAY

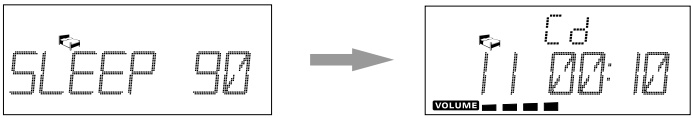
1. Use a cable with RCA jack to connect external audio source (DVD player, Mini Disc player, Cassette Deck etc.) to the LINE IN jack on the right of the unit.
2. Touch FUNC on the unit or press the FUNCTION button on the remote control repeatedly until the "AUX" appears on the display.
3. Turn your auxiliary source "ON" and operate it as usual. The sound from the auxiliary source will be heard through the speakers of the unit.

Note: Aux in cable not included.

TO SET SLEEP FUNCTION

1. If you want to fall asleep with music, press the SLEEP button.(F24)

F24



2. Press SLEEP button repeatedly to change and select from 90 to 80, 70, 60, 50, 40, 30, 20, 10 minutes. You may select the TUNER, CD, USB, CARD or IPOD mode in sleep function.
3. After the unit plays for your selected time, it will shut down automatically. While the SLEEP function is activated, press SLEEP button once and the remained sleep time will be shown. Press SLEEP button again to select another sleep time.

90 ➡ 80 ➡ 70 ➡ 60 ➡ 50 ➡ 40 ➡ 30 ➡ 20 ➡ 10
NORMAL

EQ CONTROL

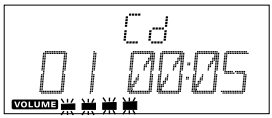
EQ shows the present sound tone.
When you touch EQ or press the EQ button on the remote control, the sound tone changes as below:

PASS➡ CLASSIC➡ROCK➡ POP ➡ JAZZ

MUTE SETTING

1. When you press the MUTE button once, the volume level indicator will flash and the audio output will be temporarily terminated.(F25)
2. Press the MUTE button again, the volume level indicator and the audio output will return to normal.

F25



LISTEN TO THE MUSIC BY USING HEADPHONE

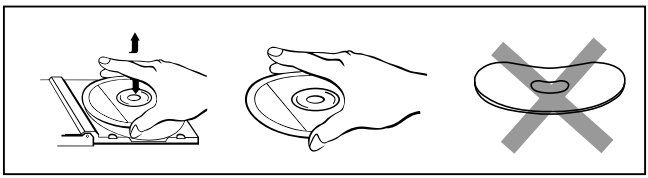
A stereo headphone jack is provided for private listening. To listen to the unit with headphones(not included), insert the 3.5mm mini-stereo plug into the PHONES( ) jack on the front panel. The external speakers are automatically disconnected when headphones are using.

COMPACT DISC

1. Always use a compact discs bearing the mark as shown.

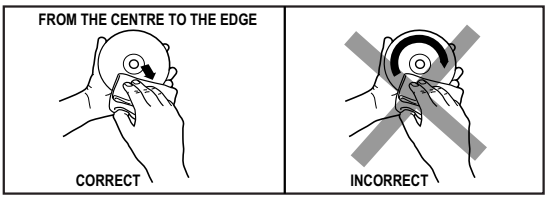
COMPACT
disc
DIGITAL AUDIO

2. Notes on handling discs
   Removing the disc from its storage case and loading it.
   * Do not touch the reflective recorded surface.
   * Do not stick paper or write anything on the surface.
   * Do not bend the disc.



3. Storage
   * Store the disc in its case.
   * Do not expose discs to direct sunlight or high temperatures, high humidity or dusty places.

4. Cleaning a disc
   * When the disc become soiled, wipe off dust, dirt and fingerprints with a soft cloth.
   * The disc should be cleaned from the center to the edge.



   * Never use benzene, thinners, record cleaner fluid or anti static spray.
   * Be sure to close the CD door so the lens is not contaminated by dust.
   * Do not touch the lens.

SPECIFICATION

POWER SUPPLY :		AC240V~50Hz
OUTPUT POWER :		10 Watts x 2
UNIT DIMENSION :		400 (W) x 154 (D) x 211 (H) mm
SPEAKER BOX DIMENSION :		160 (W) x 154 (D) x 211 (H) mm
N. W. :		5.1 kg

RADIO SECTION

FREQUENCY RANGE :		FM 87.5 - 108 Mhz
		AM 522 - 1620 KHz

COMPACT DISC SECTION

CD	Media	CD-DA, CD-ROM, CD-R, CD-RW
	Supported format	ISO 9660, UDF
	Type	2 channel stereo
	Pickup	Optical 3-beam semiconductor laser
	Laser output	0.6mW (Maximum continuous wave)
	Wave length	790nm
	Wow/Flutter	Below measurable limits
MP3 Decode	File	MPEG 3
	Bit rate (kbps)	8-320 constant & Variable bit rate (VBR)
	ID3 tag	Yes
	Max folder / file no.	USB 99/999
		CD-rom and SD card 99/999
	Max files per folder	999
	Folder /file name	32/32 (maximum number of bytes)
	ID3 title / artist/album	64/64/64 (maximum number of bytes)
WMA Decode	File	Windows media audio 9
	Bit rate (kbps)	8-192
	Max folder / file no	USB 99/999
		CD-rom and SD card 99/999
	Max files per folder	999
	Folder /file name	32/32 (maximum number of bytes)
	ID3 title/artist/album	64/64/64 (maximum number of bytes)
AUX input	Max voltage	500mV
	Impedance	47Ω
Operating conditions		Temperature: 5°C to 35°C
		Humidity 5% to 90%
Operating position		Horizontal

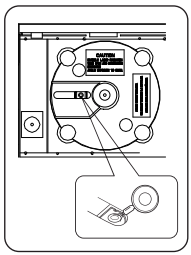
SPECIFICATION SUBJECT TO CHANGE WITHOUT FURTHER NOTICE.
Ventilation warning : " The normal ventilation of the product shall not be impeded for intended use."

MAINTENANCE

Cleaning the unit
Clean the outside of the unit with a clean soft cloth, moistened with lukewarm water. Do not use benzene, thinners, or alcohol since they will damage the finish of the surfaces.

Cleaning the CD player lens
The lens should never be touched. If dust is on the lens, blow it off using a camera lens blower (F. A).
(Consult your dealer.)

F. A



TROUBLE SHOOTING

SYMPTOM
POSSIBLE CAUSE CORRECTIVE ACTION

No power
No mains lead plug connection at the AC outlet.
Insert the plug into the AC outlet.

The power is on, but the CD player does not work.
No disc is loaded.
Load a disc.

Sound is heard from one speaker.
Faulty connection of speaker wires.
Connect the speaker wires firmly to the speaker terminals.

The CD player does not start playback. No disc is loaded.
Loaded a disc.
An unplayable disc is loaded. Load a playable disc.
The disc is not loaded correctly.
Load the disc with the label facing up on the disc tray.

The disc is dirty.
Clean the disc or replace it.

The CD player does not start playback and "NO FILE" appears.
An unplayable disc is loaded. Load a playable disc.
The disc is not loaded correctly.
Load the disc with the label facing up on the disc tray.

The remote controller does not work properly. The batteries in the remote controller are weak, or installed incorrectly.
Check the battery polarity (+ or -). Replace the battery.
The remote controller is not aimed at the remote sensor window.
Aim the remote controller at the remote sensor window.

No sound.
Volume control is set to minium.
Turn up the volume.
The wrong function is selected.
Select the correct function.
Faulty speaker connections.
Connect the speaker wires firmly to the speaker terminals.

The operation of the unit or display is not normal.
The unit must be reset.
1. Disconnect the main lead and replug again.
2. Resume operations.

The file in USB or SD card cannot play back. USB device is not connected.
Connect the USB device. SD card is not loaded.
Load the SD card.
The file is copyright protection file. Select the correct playable files.

FM stereo broadcast is hard to hear due to much noise.
Weak signal.
Press the FM MODE/INTRO button to display "MONO".
Reorient the FM aerial wire. Connect the speaker wires firmly to the speaker terminals.

The unit supports the listed iPods

****iPod charge and operation only****
*****iPods shown are not included*****

Made for iPod mini (4GB, 6GB only)	**Made for iPod** (4th generation) (20GB only)	**Made for iPod** (4th generation) (40GB only)
Made for iPod with color display (4th generation) (20GB, 30GB only)	**Made for iPod with color display** (4th generation) (40GB, 60GB only)	**Made for iPod with video** (5th generation) (30GB only)
Made for iPod with video (5th generation) (60GB, 80GB only)	**Made for iPod nano** (1st generation) (1GB, 2GB, 4GB only)	**Made for iPod nano** (2nd generation)(aluminum) (2GB, 4GB, 8GB only)
Made for iPod nano (3rd generation)(video) (4GB, 8GB only)	**Made for iPod nano** (4th generation) (8GB, 16GB only)	**Made for iPod classic** (80GB, 160GB only)
Made for iPod classic (2nd generation) (120GB only)	**Made for iPod touch** (8GB, 16GB, 32GB only)	**Made for iPod touch** (2nd generation) (8GB, 16GB, 32GB only)

CODE NO.:112114701

SANYO Electric Co., Ltd.
Printed in China